

LIGHT ENGINE 24 LEDs STRADA IP-24 5050 147.4mm x 46.2mm

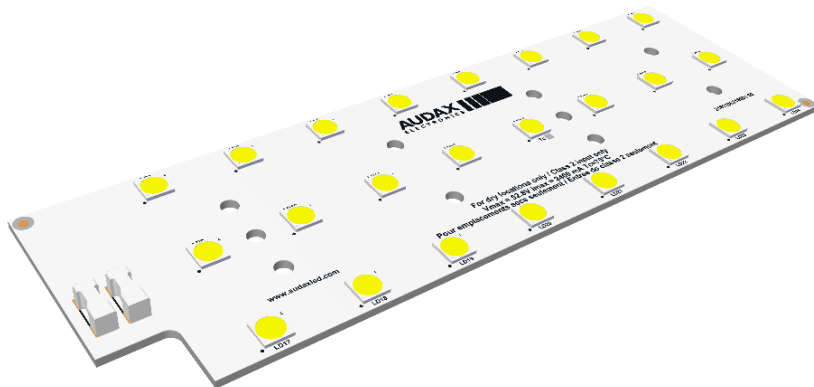
Issue Date	July, 2021
Issued by	Malassise, V.

Applications

- High-bay
- Projectors
- Decorative Poles
- Gas Station

Characteristics

- Module Efficacy – up to 195 lm/W
- L70 > 50.000 hours
- CRI > 70 (Typ.75)
- 03 SDCM
- CCTs 3,000K / 4,000K / 5,000K
- 05 years warranty



DRIVE CURRENTS

Parameter	Nominal	Max
LIGHT ENGINE 24 LEDs STRADA IP-24 5050 147.4mm x 46.2mm	1050 mA	2400 mA

MODULE TEMPERATURES

Parameter	Nominal	Max
Tc (case temperature at Tc point)	75 °C	85 °C

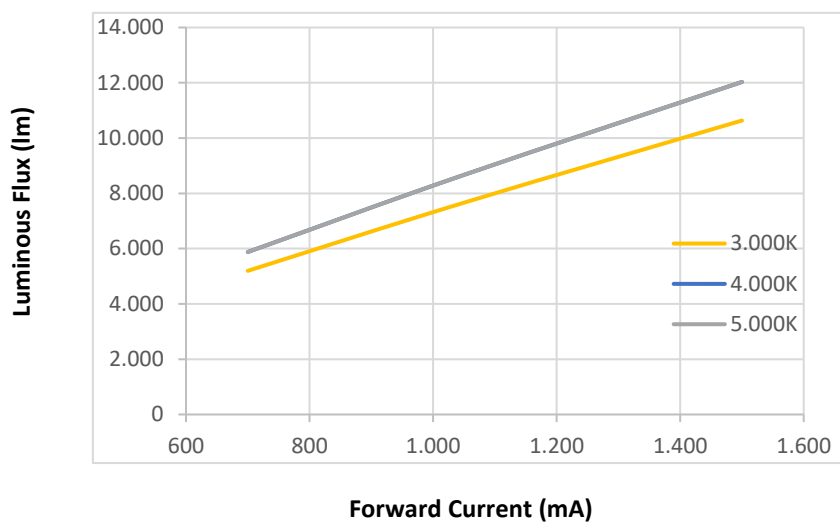
PRODUCT PART NUMBER

80396000100	80396100100	80366300100
3,000 K	4,000 K	5,000 K

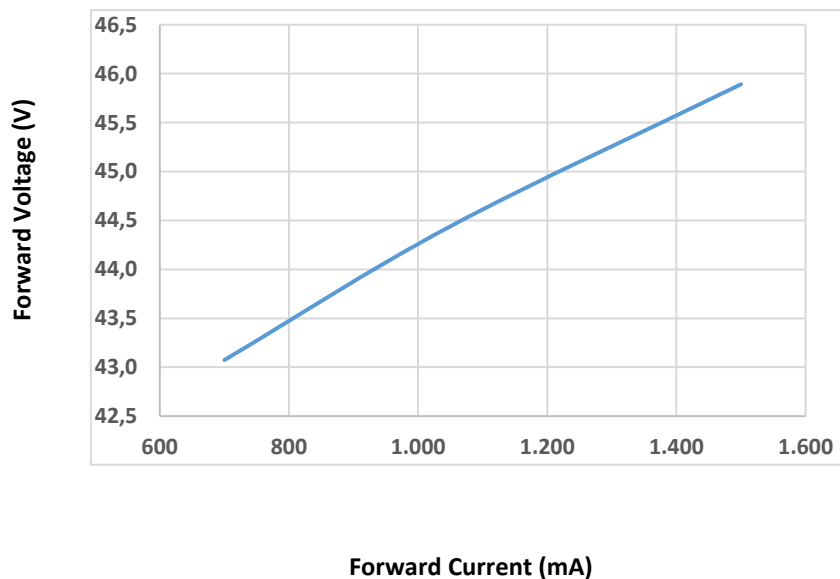
TECHNICAL INFORMATION

CCT	LED Driver Current (mA)	# LEDs	Luminous Flux (lm)	Forward Voltage (V)	LED Forward Current (mA)	TC (°C)	Power (W)	Efficacy (lm/W)
3.000K	700	24	5.196	43,1	233	75	30,2	172
3.000K	1.050	24	7.662	44,4	350	75	46,7	164
3.000K	1.500	24	10.635	45,9	500	75	68,8	154
4.000K	700	24	5.878	43,1	233	75	30,2	195
4.000K	1.050	24	8.668	44,4	350	75	46,7	186
4.000K	1.500	24	12.030	45,9	500	75	68,8	175
5.000K	700	24	5.878	43,1	233	75	30,2	195
5.000K	1.050	24	8.668	44,4	350	75	46,7	186
5.000K	1.500	24	12.030	45,9	500	75	68,8	175

Luminous Flux (lm) x Forward Current (mA) (Tc 75°C)



Forward Voltage (V) x Forward Current (mA) (Tc 75°C)

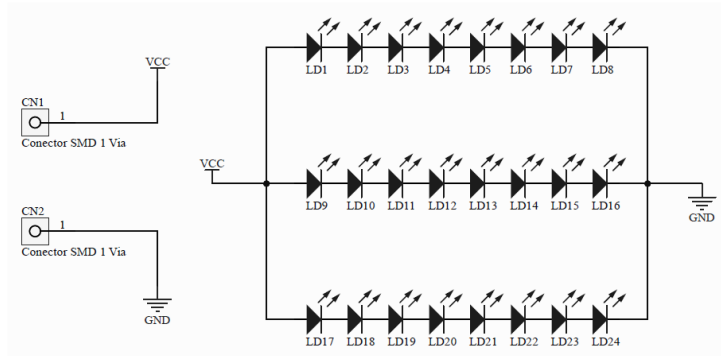


LED TYPE

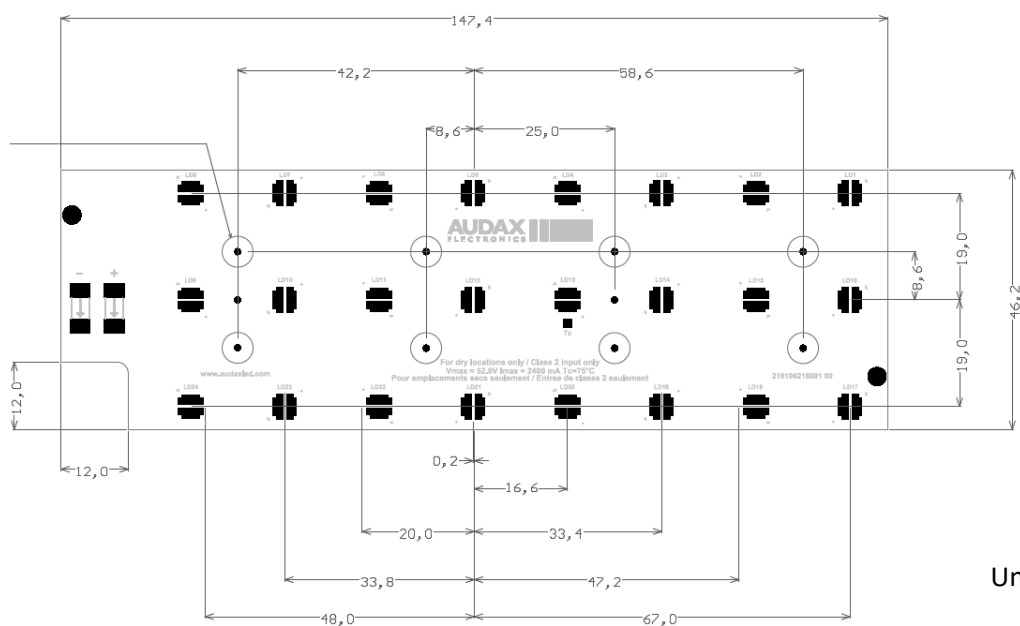
Manufacturer: Lumileds

LED Series: 5050 Square 6V

SCHEMATICS



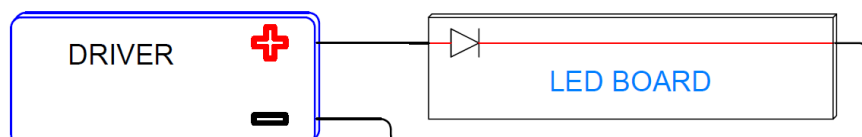
MECHANICAL DRAWING



Unit: mm

WIRING

Specification item	Value	Unit	Condition
Input wire cross- section	0.25...0.75 18...24	mm ² AWG	Solid wire
Input wire strip length	7.5...8.5	mm	Solid wire
Input wire cross-section	0.33...0.5 20...22	mm ² AWG	Stranded wire
Input wire strip length	7.5...8.5	mm	Stranded wire



COMPATIBLE OPTICS

Manufacturer	Part Number	Color
LEDiL	HB-IP-24/STRADA-IP-24 family	Clear